

**Paducah Gaseous Diffusion Plant  
Citizens Advisory Board  
Meeting Minutes  
March 18, 2004**

The March 18, 2004 Citizens Advisory Board (CAB) meeting was held at the CAB office in Paducah, Kentucky at 5:30 p.m.

**Board members present:** Byron Forbus, Vicki Jones, Chad Kerley, Rhonda McCorry, Ricky Ladd, Rebecca Lambert, Linda Long, Douglas Raper, John Russell, Jim Smart, and Bill Tanner

**Board members absent:** Richard Dyer, Fred Jones, Bobby Lee and Dorothy Starr

***Ex Officio* members and related regulatory agency employees present:** Gaye Brewer, Mike Guffey, Jon Maybriar, Todd Mullins, Tuss Taylor, and Vicki Voisard, Kentucky Division of Waste Management; Tim Kreher, Kentucky Department of Fish and Wildlife Resources; and David Williams, U.S. Environmental Protection Agency

**The Deputy Designated Federal Official present:** Bill Murphie

**The DOE Federal Coordinator present:** David Dollins

**DOE-related employees present:** Tim Batts, Rachel Blumenfeld, Kim Crenshaw, Erich Evered, Phillip Foley, Bruce Ford, R. D. George, Jonathan Hubbard, Lynn Link, Dianna Long, John Morgan, Rob Seifert, and Glenn VanSickle

**Public:** John Anderson, Ruby English, Charles Jurka, Vicki Jurka, Bruce Phillips, and William Smart

## Introductions

Tanner called the meeting to order at 6:00 p.m. He said he would like to welcome Kerley and Lee as members of the Board. He stated Lee could not attend this Board meeting due to a commitment that was scheduled prior to her appointment to the Citizens Advisory Board (CAB). He stated a public meeting has been scheduled by the Commonwealth of Kentucky to discuss DOE Material Storage Area (DMSA) closure plans on April 5 at 7:00 p.m. at Heath High School.

## Agenda

Kay asked if there were any proposed modifications to the agenda. There were no modifications. **The Board adopted the agenda by consensus.**

## Minutes

Kay asked if there were any proposed modifications to the draft February minutes. There were no modifications. **The Board approved the minutes by consensus.**

## Deputy Designated Federal Official's Comments

Murphie expressed his appreciation to the members for committing their time to be a part of this Board. He said their role takes a significant amount of dedication and the U. S. Department of Energy (DOE) commends them for their efforts.

## Progress of the Paducah Project

Murphie reported as follows:

- Scrap Metal Removal project disposed 387 tons of scrap metal in the C-746-U Landfill and shipped 122 tons to the Nevada Test Site (NTS) during the month of February. A significant amount of scrap metal will be disposed by June 2005.
- C-400 Source Removal Proposed Remedial Action Plan is currently being reviewed by the regulators. The Record of Decision will be prepared later this summer. The S&T Landfill Investigation Sampling and Analysis Plan (SAP) has been conditionally approved by the Kentucky Department of Environmental Protection and the Southwest Plume Site Investigation SAP is being reviewed by the Commonwealth of Kentucky. Field activities are scheduled to begin during April, pending regulatory approval of the SAPs.
- 7,900 ft<sup>3</sup> of DMSA material was characterized in February. Aggressive disposal is ongoing and 11 of 17 outside DMSAs are now empty.

- The Waste Disposition project has completed repackaging of 10,000 ft<sup>3</sup> of polychlorinated bi-phenyl waste in preparation for off-site shipment. 101 tons of wooden pallets were disposed in the C-746-U Landfill in February.
- Section 2 of the North-South Diversion Ditch (NSDD) Surge Basin excavation is complete and 100 percent of the excavated soil has been disposed in the C-746-U Landfill. The Sampling Plan and Work Plan for Section 1 of the NSDD has been approved by the regulators.
- DOE has removed and packaged residual contents from 9 of 12 Hydrogen Fluoride tanks and completed modifications to the lime house for installation of a fluorine cell blasting facility at the C-410 Decontamination and Decommissioning (D&D) complex. 100 containers of compactible waste have been prepared for shipment to NTS.
- 3,832 tons of various non-hazardous waste were disposed in the C-746-U Landfill in February. The permit modification is pending for additional waste streams.

### **Comments**

Russell asked what is the daily weight limit on material that is allowed to be disposed in the U-Landfill under the existing permit. Taylor said the daily rate was increased on a permit modification to 500 tons per day. Murphie said the limit will not be exceeded.

Russell asked if the DMSAs are reported empty, does it necessarily mean they are closed. Murphie said no, empty means the removal of material, and the areas will undergo additional regulatory requirements.

Russell said the unit of measurement that is used for reporting needs to be consistent. Tanner asked if DOE could provide a monthly report of the status of the landfill capacity. VanSickle said the landfill is surveyed annually and the next report will be conducted in April. He said the landfill capacity is estimated at a million yards over a ten-year period and DOE is not close to exceeding that level.

Raper inquired about the leasing schedule for DMSAs. Murphie said the yard is leased to the United States Enrichment Corporation (USEC) and the transition requirements are stated in their lease. He said responsibility for the disposition of materials is yet to be negotiated. He stated the materials that DOE is responsible for will be included in D&D activities.

Smart asked if the nickel ingots were included in the report stating completion by June 2005. Murphie said the 44,000 tons does not include the nickel ingots and he does not believe that a schedule has been established.

## **Ex-Officio Comments**

Taylor reported the response letter to the CAB's recommendation regarding discontinuation of the S&T Landfill Site Investigation was provided in the Board packets. Tanner said the Commonwealth of Kentucky had rejected the recommendation. However, the letter states that corrective action will be implemented if the investigation identifies the landfills as a source. Taylor said the investigation will drive any future corrective actions, but not necessarily an action under the Federal Facility Agreement. He said the purpose of this investigation is to determine if there is a release from the landfill. Russell said the stated purpose of this investigation was to determine whether or not the contamination downstream from the S&T Landfill is contributing to the plumes. Taylor stated that the Commonwealth of Kentucky has scheduled a public meeting to discuss closure plans for DMSAs. He stated the public meeting will be held on April 5 at 7:00 p.m. at Heath High School.

Murphie stated DOE is committed to begin construction of the Depleted Uranium Hexafluoride Conversion Facility by July 31. He said the comment period for the Environmental Impact Statement has closed.

## **Federal Coordinator Comments**

Dollins welcomed Kerley and Lee to the Board. He commended the attendance at the Annual Planning Retreat and said it was very positive experience. Dollins stated DOE is working to respond to several of the CAB's recommendations.

## **Task Forces/Presentations**

Tanner asked Board members to prepare questions pertaining to conflict of interest issues for the April Board meeting. He said answers will be provided by DOE Headquarters at the May meeting via teleconference. He asked members to review the information provided in the Member Handbook. Kay said this issue will be left on the agenda as a placeholder.

## **Waste Disposition Task Force**

Russell reported the Waste Disposition task force had received additional information on the Burial Ground Operable Unit (BGOU) and will make a presentation to the full Board when they gain sufficient understanding of the areas. Tanner stated that a question was raised regarding the BGOU being divided into two phases in the draft Risk-Based End State (RBES) document. He said the BGOU was broken into three categories for RBES because the current end state has different closure paths.

## **Water Quality Task Force**

Smart reported the Paducah Gaseous Diffusion Plant Groundwater Modeling Group was scheduled to meet in March to discuss the overall value of a comprehensive water budget.

He stated that they were attempting to prepare a cost-benefit analysis for each of the tasks in the water balance scope, as well as a sensitivity analysis. He said the meeting was cancelled due to DOE not authorizing additional expenditures for study of a comprehensive water budget. Smart stated a draft recommendation to DOE requesting resources be allocated to prepare a cost-benefit analysis report is provided in the Board packets. He asked the Board to review this recommendation for approval at next month's Board meeting.

Smart stated the task force discussed a possible modification to a previous recommendation involving site-wide sediment controls. He said DOE has committed to providing a project manager to further discuss this issue.

Smart reported the task force had submitted a recommendation to DOE in October 2003 regarding the Southwest Plume Site Investigation Sampling and Analysis Plan. Subsequent to that recommendation, the task force determined the storm sewer line leading to Outfall 008 is a USEC utilized line, which has continuous non-contact process flows, in addition to storm water flows. He stated DOE has not responded to this recommendation, therefore, the task force would like to submit a revision. He said the recommendation requests that DOE include in the Site Investigation Workplan for the Southwest Plume the following:

1. Simultaneous and continuous flow level recording be collected at all manholes along the sewer line of concern.
2. Compare the level recording with soil samples and video camera survey results to determine the actual leak point(s) within the line. If it is determined that the sewer line is a source for the Southwest Plume, the flow level information may help in quantifying the volume of water driving this plume and would aid in computer modeling.

Kay asked if there were any objections to submitting this recommendation as submitted. There were no objections. **The Board approved the recommendation by consensus.**

### **Long Range Strategy/Stewardship**

Tanner reviewed the templates that will be presented at the April Chairs Meeting in Washington D.C. Tanner asked that the Board provide comments to the Long Range Strategy/Stewardship task force before April 7.

Tanner reported that there will be a Chairs conference call on March 24 at 3:00 p.m. at the CAB office. He said the subject will be the Chairs Meeting.

Tanner said the Board had received a memorandum from the Paducah Area Community Reuse Organization (PACRO) stating limited endorsement of the CAB's draft End State Vision recommendation. Tanner stated a recommendation was sent to DOE from PACRO requesting that an independent study be completed at the Paducah site to

determine if the site is suitable for reindustrialization. He said if the study proves the site is suitable for reindustrialization, the level of remediation will be determined. He stated that this study could be beneficial to the CAB and DOE.

Tanner stated the End State Vision recommendation needed to be voted on in order for it to be sent to DOE Headquarters as an attachment to the draft RBES document on March 30. Blumenfeld stated additional comments could be forwarded to DOE Headquarters after March 30. Murphie commended the CAB on the End State Vision. He suggested categorizing the recommendations into the following three categories:

1. Variance from DOE
2. In support of DOE
3. DOE has not discussed

Russell suggested prioritizing the recommendations in order of importance. Kay asked if there were any objections to submitting the recommendation with the changes discussed. There were no objections. **The Board approved the modified recommendation by consensus.**

### **Public Comment and Questions**

English read a letter from the Active Citizens for Truth endorsing the CAB's End State Vision recommendation. The letter is attached.

### **Administrative Issues**

### **Review of Workplan**

Tanner stated DOE had provided a sample of project deliverables to assist in setting the workplan. He said in addition to this example, he would like for the following information to be included:

- task force responsible
- issue manager
- issues
- latest action and outcome
- date presented to the CAB for timely advice to DOE

He said this information will be used to update the matrix that is currently provided in the packet.

Tanner suggested the conflict of interest discussion be added to the May workplan since questions pertaining to it will be submitted in April.

### **Review of April Agenda**

Kay asked if any modifications were needed for the April agenda. There were no modifications.

## **Annual Planning Retreat**

Tanner reported the Annual Planning Retreat minutes were provided in the Board packets. Kay asked if there were any objections to the minutes. There were no objections. **The Annual Planning Retreat minutes were approved by consensus.**

Tanner stated, according to the retreat evaluation summary, everyone seemed satisfied with the effectiveness of the retreat. He discussed the task force name changes and the project areas for each task force. He stated a list of goals and objectives for the CAB were established. Kay asked if there were any objections to adopting the goals and objectives. There were no objections. **The Board adopted the CAB's goals and objectives by consensus.**

Tanner stated that previous site manager comments included notification of environmental, safety and health occurrences at the Paducah site. He asked DOE if this information could be included for future Board meetings.

Tanner said a draft letter to Murphie regarding support staff contract issues was provided in the packet for approval. He said the letter states that the CAB would appreciate the opportunity to review and comment on the scope of work and the overall direction of support services before a contractor is selected. He said the letter also requests that DOE wait until the infrastructure and remediation contracts are awarded before identifying an 8(a) Small Business firm. Kay asked if there were any objections to accepting this letter. There were no objections. **The Board approved the letter by consensus.**

Murphie invited one or two CAB members to serve as ex-officios during the procurement process to contract an 8(a) Small Business for CAB support services. He said the ex-officios must fully understand the ramifications of conflict of interest issues and complete non-disclosure forms. Tanner suggested the Executive Committee appoint the ex-officios at their next meeting. The Board agreed.

Tanner said the infrastructure contract includes coordinating the activities for the CAB and the remediation contract includes providing support to the CAB. He asked for clarification since an 8(a) Small Business will be contracted to support the Board. VanSickle said Bechtel Jacobs Company LLC provides additional support to the CAB other than support staff, such as technical support at task force meetings. Murphie said CAB support was included in the contracts due to the timing of support services transition to ensure that support would be provided throughout the entire process.

## **Action Items**

Kay reported that all action items are closed except for the action to provide a list of project deliverables for use in workplan setting. Tanner suggested leaving this as an action item until the list has been provided.

## **Subcommittee Reports**

### **Community Concerns/ Nomination, Membership, and Public Involvement**

Tanner reported that the Community Concerns and the Nomination, Membership and Public Involvement (NMPI) subcommittees have merged and is now called the Community Outreach task force. He said the regularly scheduled meeting for NMPI on March 24 had been cancelled. Tanner stated Community Outreach will establish their regular meeting time at the first meeting on March 22 at 2:00 at the CAB office.

### **Executive Committee**

Tanner stated that the April Executive Committee meeting date will need to be changed since some of them will be traveling to Washington, D.C. on that day. He said the group will be researching ways to improve organization of the information provided in the Board packets.

Tanner reported Fred Jones had resigned from the Board. He stated he will be contacting DOE for a replacement member to fill the unexpired term. He said after this member is appointed he would like to schedule a Saturday orientation, including a site tour, for all members of the Board.

The meeting adjourned at 9:05 p.m.